

320 CLAIM 1: A less lethal projectile comprising a hollow body
container having a closed front end and an open rear end, filled
with a high-density filler, a closure to seal the open rear end
of the hollow body container to seal the filler in the
container, a bore-rider stabilizer attached to the rear of the
325 closure, said bore-rider stabilizer comprising a fabric having a
low coefficient of friction.

CLAIM 2: A less lethal projectile comprising a finger-shaped
woven fabric container having a closed end and an open end,
330 said container filled with a high-density filler, a spool
closure which fits inside of the open end of the fabric
container, a sealer which fits tightly around the spool
closure to seal the filler in the container, a bore-rider
stabilizer attached to the rear of the closure, said bore
335 rider stabilizer comprising a fabric having a surface with a
low coefficient of friction.

CLAIM 3: A less lethal projectile comprising a fabric body
container having a closed front end and an open rear end,
340 filled with a high-density filler, a spool having a hole
through it, through which to pass the rear end of the fabric

body, a bore-rider stabilizer attached to the rear of the
closure, said bore-rider stabilizer comprising a fabric
having a low coefficient of friction, an adhesive to seal the
345 rear end of the fabric in the hole of the spool.

CLAIM 4: The projectile of Claim 1, 2 or 3 in which the body is
made of a woven fabric, plastic or rubber.

350 CLAIM 5: The projectile of Claim 1, 2 or 3 in which the high
density filler comprises steel, lead or ceramic shot, silica
beads, metal beads, metal powder or mixtures thereof.

CLAIM 6: The projectile of Claim 1, 2 or 3 in which the high
355 density filler is contained within a frangible pouch or capsule
or formed into a pellet.

CLAIM 7: The projectile of Claim 1, 2 or 3 in which the closure
comprises a round, drum shaped body having a hole in the center
360 and a circumferential groove.

CLAIM 8: The projectile of Claim 1, 2 or 3 in which the bore-
rider stabilizer comprises a plurality of tail lobes.

CLAIM 9: The projectile of Claim 1, 2 or 3 in which the bore-
365 rider stabilizer is a single layer of material made of high
density polyethylene, ultra high molecular weight polyethylene,
polytetrafluoroethylene coated glass cloth, or 3-5 mil
polyester.

370 CLAIM 10: The projectile of Claim 1, 2 or 3 in which the bore-
rider stabilizer comprises two layers, a first fabric layer and
a second layer having a low coefficient of friction.

CLAIM 11: The projectile of Claim 1, 2 or 3 in which the bore-
375 rider stabilizer comprises two layers, a first layer made of
high density polyethylene, ultra high molecular weight
polyethylene, polytetrafluoroethylene coated glass cloth, or 3-5
mil polyester and a second layer made of a polyester film or
cellulose acetate.

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CLAIM 12: The projectile of Claim 1, 2 or 3 comprising a
fabric container having a loose weave, which allows radial
expansion upon impact.

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